

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/05615

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 228 062 A (BINGHAM JOHN A C) 13 July 1993 (1993-07-13)	1,2, 13-15, 20-22 8,12
Y	abstract; figure 2 column 3, line 5 - line 21 column 6, line 20 - line 29 column 6, line 37 - line 43 column 6, line 51 - line 60 column 7, line 8 - line 20 column 7, line 33 - line 36 ---	
Y	EP 1 049 302 A (SONY INT EUROP GMBH) 2 November 2000 (2000-11-02)	8,12
A	page 2, line 7 - line 22 --- -/--	1,13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 August 2002

Date of mailing of the international search report

05/09/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Papantoniou, A

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>LUISE ET AL: "Carrier frequency acquisition and tracking for OFDM systems" IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 44, no. 11, 1 November 1996 (1996-11-01), pages 1590-1598, XP002081217 ISSN: 0090-6778 abstract; figure 5 page 1592, right-hand column, paragraph 3 page 1594, right-hand column, paragraph 2 - paragraph 3 page 1595, left-hand column, paragraph 3</p> <p>---</p>	1,13, 20-22
A	<p>LEE D ET AL: "A NEW SYMBOL TIMING RECOVERY ALGORITHM FOR OFDM SYSTEMS" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, vol. 43, no. 3, 1 August 1997 (1997-08-01), pages 767-774, XP000742560 ISSN: 0098-3063 abstract; figures 1,2 page 770, left-hand column, paragraph 1 - paragraph 2 page 770, right-hand column, paragraph 2 page 771, right-hand column, line 4 - line 5</p> <p>---</p>	1,13, 20-22
A	<p>EP 0 817 418 A (THOMSON BRANDT GMBH) 7 January 1998 (1998-01-07) cited in the application abstract; figure 2 column 3, line 56 -column 4, line 1 column 5, line 21 - line 65</p> <p>-----</p>	1,13, 20-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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